CLAIMS

WHAT IS CLAIMED IS:

1. An attachment for the outlet end of a recreational vehicle sewage discharge hose and having a normal use position adjacent a vertical downward opening sewage inlet to a sewage receptacle, said attachment comprising:

a one-piece body having, when in the normal use position, two vertical, spaced apart, substantially parallel sidewalls and at least one additional wall rigidly connecting said sidewalls to form a partially enclosed space;

said body being dimensioned so that said partially enclosed space receives, a substantially horizontal portion of the hose, an immediately downstream bent portion of the hose and an immediately downstream substantially vertical portion of the hose; and

said body having a rigid abutment positioned to engage the hose and resist removal of the hose from the partially enclosed space.

2. The attachment of claim 1, wherein there is only one said additional wall and said additional wall is vertical when said body is in the normal use position.

3. The attachment of claim 1, wherein said abutment includes detents extending horizontally into said partially enclosed space

4. The attachment of claim 3, wherein said detents are located above the bottom of said sidewalls a distance substantially greater or substantially less than one-half the spacing between said sidewalls.

5. The attachment of claim 4, wherein said detents, in end view, are generally wedge shaped for first compressing adjacent walls of the sewage hose as the hose moves vertically relatively between said sidewalls and then permitting the hose walls to expand beneath said detents to trap and securely hold the hose and attachment together.

6. The attachment of claim 4, wherein said detents have a width, horizontally parallel to said sidewalls, less than spacing between adjacent corrugation peaks of the hose.

7. The attachment of claim 6, wherein said additional wall is vertical and said detents are spaced horizontally from said additional wall a distance at least substantially equal to the diameter of the hose and the radius of curvature of the bent portion.

8. The attachment of claim 1, in combination with the discharge hose, and wherein said discharge hose is flexible and corrugated.

9. The attachment of claim 8, wherein said body weighs at least as much as an upward force produced by elasticity of the hose bent portion.

10. The combination of claim 9, wherein said additional wall is a vertical end wall; and said abutment includes detents respectively on said sidewalls adjacent the ends of said sidewalls opposite from said end wall and being located above the bottom of said sidewalls a distance substantially greater or substantially less than one-half the spacing between said sidewalls.

11. The attachment of claim 10, wherein said detents, in end view, are generally wedge shaped for first compressing adjacent walls of the sewage hose as the hose moves vertically relatively between said sidewalls and then permitting the hose walls to expand beneath said detents to trap and securely hold the hose and attachment together.

12. The attachment of claim 10, wherein said detents are spaced horizontally from said additional wall a distance at least substantially equal to the diameter of the hose and the radius of curvature of the bent portion.

13. A method of discharging sewage from a recreational vehicle, comprising the steps of:

inserting the distal end of a recreational vehicle sewage discharge hose into the inlet of a sewage receptacle;

providing a one-piece attachment, having two vertical, spaced apart, parallel sidewalls and an end wall rigidly connecting the sidewalls to form a partially enclosed space;

relatively moving the discharge hose and the attachment, thereby receiving within the partially enclosed space, a substantially horizontal portion of the discharge hose, an immediately downstream substantially ninety degree bent portion of the discharge hose and an immediately downstream substantially vertical straight portion of the discharge hose;

resting the attachment on a support surface adjacent the inlet; and

resisting relative movement between the discharge hose and the attachment to thereby resist removal of the hose from the inlet with an abutment rigid with respect to at least one of the sidewalls.

14. The method of claim 13, wherein said step of moving places the end wall on the opposite side of the vertical straight portion from the abutment and the inlet to as a counterweight to the hose upstream of the distal end.

15. The method of claim 14, wherein said step of resisting includes engaging abutment detents below the horizontal portion.

16. The method of claim 13, wherein said step of resisting includes exerting a downward bias solely due to the weight and configuration of the body on the hose sufficient to at least substantially equal an inherent elasticity bias of the hose.

17. The method of claim 13, wherein said step of resisting includes exerting a downward bias solely due to the weight and configuration of the body on the hose sufficient to at least substantially equal an inherent elasticity bias of the hose and dynamic fluid forces of sewage being discharged through the hose.

18. An attachment for the outlet end of a recreational vehicle sewage discharge hose and having a normal use position adjacent a vertical downward opening sewage inlet to a sewage receptacle, said attachment comprising:

a one-piece body having, when in the normal use position, two vertical, spaced apart, substantially parallel sidewalls and at least one additional wall rigidly connecting said sidewalls to form a partially enclosed space;

said body being dimensioned so that said partially enclosed space receives, a substantially horizontal portion of said hose, an immediately downstream bent portion of said hose and an immediately downstream substantially vertical portion of said hose; and

said body having means for engaging the hose and resisting removal of the hose from the partially enclosed space.

19. The attachment of claim 14, wherein said means for engaging and resisting includes inter-engaging attachment detents and hose structure.

20. The attachment of claim 14, wherein said means for engaging and resisting exerts a downward bias solely due to the weight and configuration of the attachment on the hose sufficient to at least substantially equal an inherent elasticity bias of the bent portion and dynamic fluid forces of sewage being discharged through the hose.